

Message

From: Minter, Douglas [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0C1A47CA3AE847E2B7B818DA4734D7FD-MINTER, DOUGLAS]
Sent: 6/25/2015 9:37:05 PM
To: Green, Holly [Green.Holly@epa.gov]
Subject: RE: Joe's email requesting the DB docs

Will do

From: Green, Holly
Sent: Thursday, June 25, 2015 3:21 PM
To: Minter, Douglas
Subject: Re: Joe's email requesting the DB docs

Thanks so much! Please keep us posted on the class V/class I disposal issue. We briefed Peter and he is interested in the follow up with the state and how we consider this decision.

Thanks,
Holly

Holly Sage Green
Acting Branch Chief, Prevention
Drinking Water Protection Division
USEPA
(202) 566-0651

On Jun 25, 2015, at 5:00 PM, Minter, Douglas <Minter.Douglas@epa.gov> wrote:

Hi Holly: FYI, I am copying you in on a recent request from Joe. As background, Valois is sending him the most recent versions of the AE ROD and Class III and V permit documents.

Shaun knows that we have done our best to identify any/all major issues thanks, in part, to OGWDW's review and comments (particularly on the AE). If any further OGWDW review does identify something significant, just let me know.

Thanks!

Douglas

From: Tiago, Joseph
Sent: Thursday, June 25, 2015 5:50 AM
To: Shea, Valois
Subject: FW: Treatment Standards for DB

Hi Valois,

Can you please send me the current version of the ROD and permits?

Thanks,

Joe.

From: Cheung, Wendy
Sent: Wednesday, June 24, 2015 12:22 PM
To: Tiago, Joseph
Subject: RE: Treatment Standards for DB

Please ask Valois – she has the most recent version of the documents. I haven't been intimately involved for a while.

From: Tiago, Joseph
Sent: Wednesday, June 24, 2015 9:43 AM
To: Cheung, Wendy
Subject: RE: Treatment Standards for DB

Thanks, Wendy...

Can you please share updated permit and ROD? I don't seem to find a recent version in my files. I had looked at the Class III permit and the ROD before, do not recall seeing the Class V permit. Just for background if I could get the most recent version of all these documents that'd be great.

Joe.

From: Cheung, Wendy
Sent: Wednesday, June 24, 2015 11:21 AM
To: Tiago, Joseph
Subject: RE: Treatment Standards for DB

I believe it's running it through a barium reactor of some sort (again the SOB will provide details). I thought the same, but the operator has cost it out and apparently it's cost-effective.

From: Tiago, Joseph
Sent: Wednesday, June 24, 2015 9:09 AM
To: Cheung, Wendy
Subject: RE: Treatment Standards for DB

Do you know the treatment technique that will be used to bring the concentration of radioactive materials below these limits? It seems difficult to do or costly...

From: Cheung, Wendy
Sent: Wednesday, June 24, 2015 11:03 AM
To: Tiago, Joseph
Subject: RE: Treatment Standards for DB

No, these limits define what is considered a radioactive waste. To allow injection into a Class V well, it cannot exceed these limits, else it would then be thrown into a Class I category. Therefore, for CV wells, they must treat their waste below these limits. Treatment is not required for CI for ISR activities unless there are co-contaminants that make it hazardous.

From: Tiago, Joseph
Sent: Wednesday, June 24, 2015 8:49 AM
To: Cheung, Wendy
Subject: RE: Treatment Standards for DB

Thanks, Wendy.

The typical ISR Class I waste would follow the same limits correct?

From: Cheung, Wendy
Sent: Wednesday, June 24, 2015 10:36 AM
To: Tiago, Joseph
Subject: RE: Treatment Standards for DB

The fluids must be below concentrations defined in 144.3: *Radioactive Waste* means any waste which contains radioactive material in concentrations which exceed those listed in 10 CFR part 20, appendix B, table II, column 2.

I suspect these limits are laid out in the draft permit? If not, Valois would have these values.

From: Tiago, Joseph
Sent: Wednesday, June 24, 2015 8:14 AM
To: Cheung, Wendy
Subject: Treatment Standards for DB

Hi Wendy,

Following up on the voicemail message I left you earlier today, I am interested in the treatment standards of the waste that will be injected into the Class V well, specific to removal of radioactive materials.

Thanks,

Joe.